

Take a Seat—Carefully

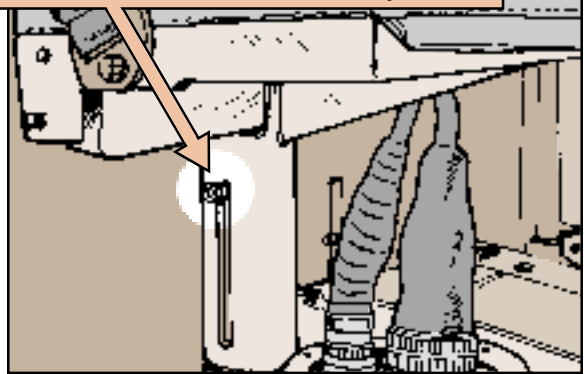
Mechanics, you'll find that gunners who happily lower the seat all the way in their ITV or FISTV aren't nearly as happy when the stop screw breaks.

The screw snaps off because the height adjustment slot is too short to allow the seat to rest against the lip of the support pipe. When the adjustment handle is in the unlocked position, the entire weight of the seat (and the gunner) presses down on the stop screw.

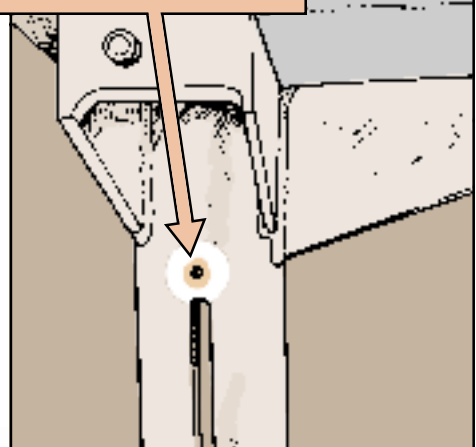
You can prevent broken screws by lengthening the height adjustment slot. Here's how:

1. Remove the seat assembly from the support pipe.
2. Measure $\frac{1}{2}$ inch up from the top of the height adjustment slot and drill a $\frac{25}{64}$ -in hole.
3. Cut out the area between the slot and hole with a saber saw, NSN 5130-00-889-7745. Appendix A of CTA 50-970 is your authority for ordering the saw.
4. Smooth the rough edges of the slot with a metal file, NSN 5110-00-241-9152, from the No. 2 Common shop set.
5. Reinstall the seat assembly.

PROBLEM: Seat rests on stop screw



SOLUTION: Drill hole and extend slot



**YE OUCH!!
MY ACHIN' BACK!
I CAN'T TAKE MUCH
MORE OF THIS!**

